10

Measurement

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425681

Serial No. ..... 1st and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... K. Prithvi Sagar, JE.

Date of commencement of work ..... D.O. Recording : 21.09.2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Name of work	Emergency works like Desilting of drains, Constn of Culverts etc in Ward no-06, Byatarayanpura Sub-Division.					
	Estimated cost . Rs	10.00 Lakhs					
	JOB. No	006.20-000240					
	Work order no =	BBMP/EE/BTP/WO/25/2020-21.					Dt. 20.06.2020
	① Hire-charges of J.C.B. Excavator including operator						

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ggregate size 20mm and below.				
3.14 x 1.00 x (1.00) / 4	x 0.60		0.47 M^3	
nd use in concrete.				
3.14 x 1.0 x (1.0) / 4	x 0.60		0.47 M^3	

MEASUREMENT BOOK

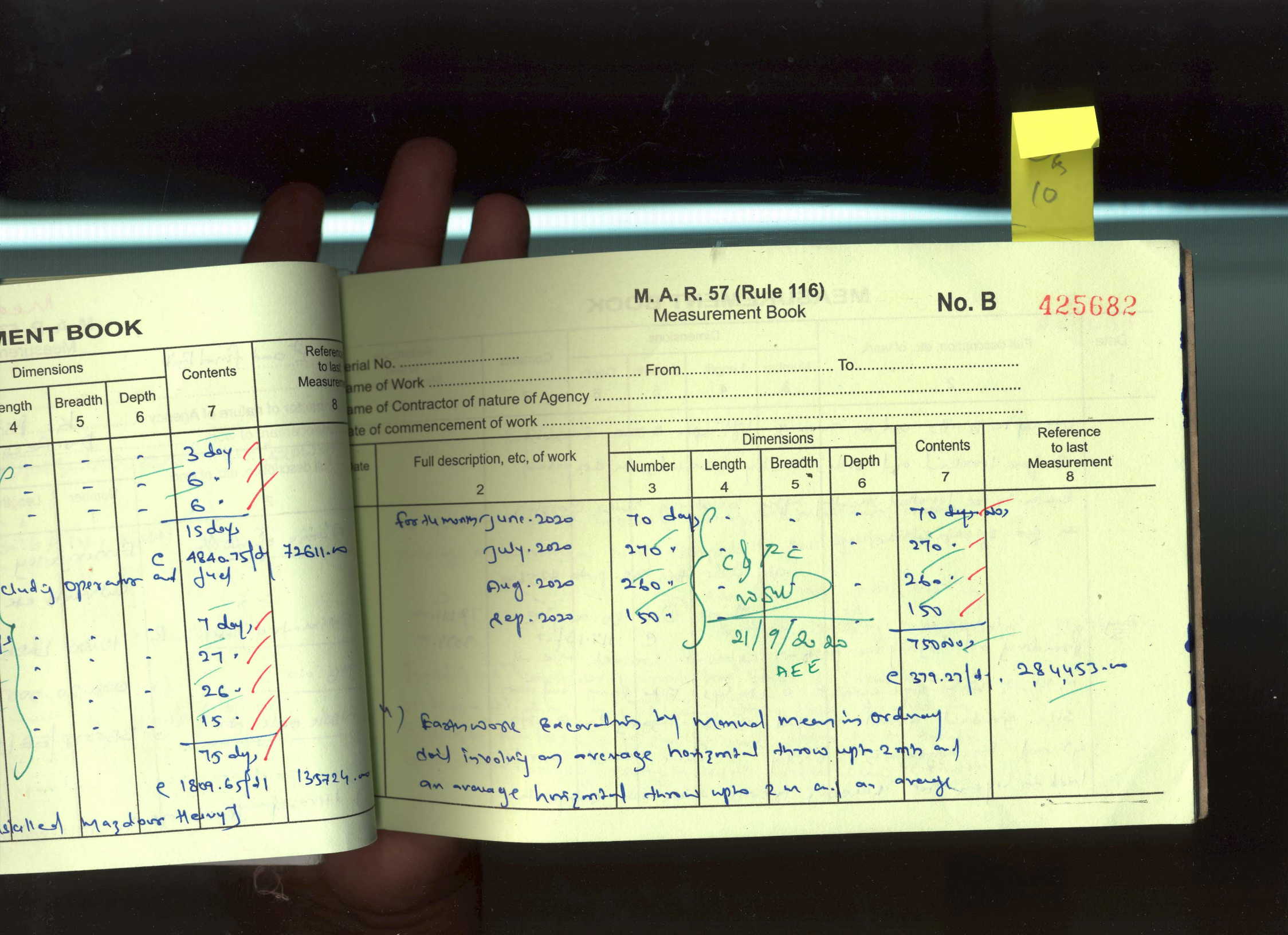
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and fuel June. 2020	3 day	-	-	-	3 day	
	July. 2020	6 "	-	-	-	6 "	
	c/FC Aug. 2020	6 "	-	-	-	6 "	
	9995 dt 21/9/2020 AEE					15 days	
2)	Hire-charges of Tractor-50 Hp including operator and fuel					@ 484.75/d	72611.00
	June. 2020	7 days	"	"	"	7 days	
	July. 2020	27 "	"	"	"	27 "	
	Aug. 2020	26 "	"	"	"	26 "	
	Sep. 2020	15 "	-	-	-	15 "	
						75 days	
						@ 1809.65/d	135724.00
3)	Engaging Casual Labours (Unskilled Mazdoor Heavy)						

4857 IAS

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Nu
	2	
	for the month June. 2020	7
	July. 2020	27
	Aug. 2020	26
	Sep. 2020	15

4) Earthwork Excavation
doll involving an average
an average horizontal



MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
-	-	-	3 day	
-	-	-	6 "	
-	-	-	6 "	
			15 days	
			@ 484.75/d	7261.00
cluding operator and fuel				
			7 day	
"	"	"	27 "	
"	"	"	26 "	
"	"	"	15 "	
			75 day	
			@ 1809.65/d	135724.00
skilled Mazdoor Heavy]				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425682

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	for the month June. 2020	70 days	-	-	-	70 days	
	July. 2020	270 "	C/R		-	270 "	
	Aug. 2020	260 "	- WSW		-	260 "	
	Sep. 2020	150 "	-		-	150 "	
			21/9/2020			750 days	
			AEE			@ 379.27/d	284453.00

4) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 mts and an average horizontal throw upto 2 m and an average

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
	Lift upto 2 mts and an average Lift upto 0-50m, Excavated Surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking clods complete as per specification.						
	qty-vide this MB. p.no 42569						
	It no. ① = 30.00 m³ @ 117.13/=						7[illegible] 3514.00
5)	Providing and laying in position cement Concrete mix of m 1:4:8 With one cement to two lyrs With 40mm and down Size graded granite metal Coarse aggregate @ 0.892 m³ and fine aggregate @ 0.57 m³, machine mixed Concrete laid in layers not exceeds 15cms thick well compacted						

APT 1105

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
	2
	in fdn and plinth, in C Hom of machinery. Cu
6)	Providing and constructing in basement with C.M 1:6 In courses not less than 15 Each course including Cos

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
nber 3	Length 4	Breadth 5	Depth 6	7	8
ge	Lift upto 0-3 mtr, Excavation				
ually dressed, to disposed					
fter breaking clods complete					
	qty-vide this MB. p.no 425691				
	# no. ① = 30.00 m³ @ ₹ 117.13/-				₹ 7[illegible] 3514.-
m	cement concrete mix of				
e	the lys with 40mm and down				
nd	coarse aggregate @ 0.892				
ste m³,	machine mixed concrete				
	15 cms thick well compacted				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

425683

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	in fndn and plinth, including cost of all materials, labour, hire of machinery, complete as per specification.						
	qty. vide this MB. p.no. 425691						
	# no. (II) . 3.85 m³ @ 4596.90/m³					17698.00	
b)	Providing and constructing granite trap/basalt stone masonry in basement with c.m 1:6, Edges of stones chisel dressed in courses not less than 15 cm high bond stone at 2 m apart in each course including cost of material, labour, curing complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specification	2	5.20	0.60	0.90	5.62 cu.m	
		2	3.80	0.60	0.90	4.10	
		2	3.40	0.60	0.80	3.26	
						12.98 cu.m	
					Less	12.95 cu.m	
					@ 49	40.18/ cu.m	63975
7)	Providing and laying in position plain cement concrete of mix 1:3:6 with ope cement @ 220 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.87 cu.m and fine aggregate @ 0.56 cu.m machine mixed concrete laid in layers not exceeding 15cms thickness compacted in foundations and plinths, including costings all materials						

4857 1105

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	No
	2	
	labour, dumpy machine coping.	
	Total	

…REMENT BOOK

…er	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	5.20	0.60	0.90	5.62 y^3	[illegible] 21/9/20..
	3.80	0.60	0.90	4.10	
1	3.40	0.60	0.80	3.26	
				12.98 y^3	
			Ltd to	12.95 y^3	
				@ 4940.18/y^3	63975.00

…plain cement concrete of mix … 220 kgs with 20mm and dry … coarse aggregate @ 0.84 y^3 … .56 y^3 machine mixed concrete … 15cms thick well compacted … including cost of all materials)

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425684

…rial No. ....

…me of Work .... From .... To ....

…me of Contractor of nature of Agency ....

…te of commencement of work ....

…ate	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Laterite masonry machinery complete.						
	Coping.	2x1	5.20	0.60	0.15	0.94 y^3	C & RC
		2x1	3.80	0.60	0.15	0.68	
		2x1	3.40	0.60	0.15	0.62	
	Vent	1	5.20	0.60	0.15	0.47	[illegible]
		1	3.80	0.60	0.15	0.34	21/9/2020
		1	3.40	0.60	0.15	0.31	AEE
						3.37 y^3	
					Ltd to	3.24 y^3	15498.00
					@	4783.41/y^3	

Tab: …10

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Providing flush pointing to coursed stone masonry using C.M 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including costing material, labour curing complete as per specification.						
		2	5.20	-	0.90	= 9.36 m²	
		2	3.80	-	0.90	= 6.84 m²	
		2	3.40	-	0.85	= 5.44	
						21.64 m²	
					Use to	21.60 m²	4105.m
						₹ 190.11/m²	
9)	Providing precast slabs 250mm thick including costing al						

4857 1106

M. A
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erial No. .....
ame of Work ..... Fro
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Number
	2	3
	Materials labours, carriage, transp... Complete. for. cb's	
10)	Providing precast slabs ... all materials labour, carri...	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
sed stone masonry in ...				
making joints in ...				
cost of material, labour				
...fication				
5.20	-	0.90 =	9.364 m²	
3.80	-	0.90 =	6.844 m²	
3.40	-	0.90 =	5.44	
			21.644 m²	
		Add to	21.604 m²	4105.m
			@ 190.11/m²	
...m thick including cost of ...				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 685

...rial No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...te of commencement of work .....

...ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Materials labour, curing, transportation, loading, unloading etc complete. for cost	1	5.20	1.20	-	6.244 m²	W.O. 25 K 21/9/2020 AEE
		1	3.80	1.20	-	4.56	
		1	3.40	1.20	-	4.08	
		1	2.80	1.20	-	3.36	
						18.244 m²	
					Add	18.004 m²	8 2895.m
					@	4605.30/m²	
15	Providing precast RCC slab of 100 mm thick including all materials, labour, curing, transportation, loading					costing unloading	

C&F Slab
n.d. 4/10 (WO p.2)

10

4857 1106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc complete as per directions of Engineer-in-charge of work.						
	C/F.C.	1	14.00	0.90	-	12.6042	
		1	12.00	0.90	-	10.80	
		1	16.00	0.90	-	14.40	
						37.8042	
	C/F.C.						
	21/09/2020 ಸ.ಅ.(ಪಾ.ವ)				@	1986.45/m²	75088.00
	11) Loading and unloading of stone boulders by manual means complete as per specification.						
	Poorthi Sagar. K.	Qty as per # no. (1) =				30.00 m³	
						@ 51.36/m³	1541.00
						Total Rs	757103.00

M. A
M

erial No. .....
ame of Work ..... Fro
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Numbe
	2	3
	Verified ಸ.ಅ.(ಪಾ.ವ) 14/10	
	21.09 ಸಹಾಯಕ ಅಭಿಯಂತರ	

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
Engg. ter-m- chage of work.				
14.00	0.90	-	12.6042	
12.00	0.90	-	10.80	
16.00	0.90	-	14.40	
			37.8042	
			@ 1986.45/m²	75088.00
stone boulders by manual				
pecification.				
qty as per # no. ① = 30.00 m³				
			@ 51.36/m³	1541.00
			Total Rs	757103.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425686

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
te of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Verified ಪರಿಶೀಲಿಸಲಾಗಿದೆ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ					Total Rs	7,57,103.00
				Add	12% GST.		90,852.00
						G. Total	8,47,955.00
	21.09.2020 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and final						

ಲೆಕ್ಕಪತ್ರ ಸಂಖ್ಯೆ 1771 — ರಡಿ

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 847900=00 — ಮೇರೆಗೆ ಪಾವತಿ ಮಾಡಿದೆ.

ಇದರಲ್ಲಿ ರೂ. 35398=00 — ಪೈ ಪೂರ್ಣಾಣಕೆ

ಮುಂಡಿಕೊಂಡು ರೂ. 812502=00 — ರವಸನ್ನು

FT/NLR/BC

ವಿಷಯ

ನಿರ್ವಾಹಕರು ಬೈಟಿಪಿಡಿಎ ಬೆಂಗಳೂರು 14/10

ಬೈಟಿಪಿಡಿಎ, ಬೆಂಗಳೂರು 14/10

Bill	847900=00
IT	8479=00
LC	8479=00
CBF	848=00
CGST	7571=00
SGST	7571=00
LR	2450=00
TD	35398=00
Net	812502=00

4857 1106

Material No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	ಪುಟ ಸಂಖ್ಯೆ
	2	

21/09

ENT BOOK

imensions			Contents	Reference to last Measurem
h	Breadth 5	Depth 6	7	8
			Bill 847900=00	
			IT 8479=00	
			LC 8479=00	
			CBF 848=00	
			CGST 7571=00	
			SGST 7571=00	
			LR 2450=00	
			TD 35398=00	
			Net 812502=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425687

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

From..... To.....

N

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Cross-Rd-2	
						Cross-Rd-1	
						Govt school Saraipalya	

Cross-Rd-2
Cross-Rd-1
Govt school Saraipalya
Saraipalya Cross Road
Bhuvaneshwari Nagara Main Road

21/08/24

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಾಖಾಧಿಕಾರಿಯವರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24